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Fujitsu recommends Windows 7.

DATASHEET
FUJITSU ESPRIMO C5731 E-STAR 5.0 DESKTOP PC

THE ULTRA SMALL PROFESSIONAL PC

ESPRIMO C5731 E-STAR 5.0

The ESPRIMO C Ultra small form factor PC: Enjoy maximum desktop performance and benefit from the compact design for those offices with limited space. Comfortable working - ergonomic, quiet and reliable. The sophisticated design of the ESPRIMO C provides simple and secure administration and, as a result of our made4you concept, can be easily adapted to specific customer requirements. Environmental compatibility was considered and optimized as early as the product development phase, which is why the ESPRIMO C today already meets the environmental protection requirements of tomorrow, for example ENERGY STAR® 5.0.

COMPACT DESIGN

Fully fledged PC for office environments that requires a minimum of space and can be installed both in a horizontal and vertical position.

- Ultra small form factor PC, power supply, legacy interfaces and powered serial ports integrated with a volume of only 6.9 liters

COMPACT BUT EXPANDABLE

Optimal expandability despite low volume.

- Up to 500 GB hard drive and PCI Low Profile Slot

ENERGY SAVING

Reduced power costs and consumption without any loss in performance.

- Energy-saving processor technology and 87% efficiency power supply

FAMILY CONCEPT

Reduced test and evaluation costs for the existing PC infrastructure.

- Uniform technology platform and bitimage for the 5730 and 5731 series from Fujitsu

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COMPONENTS

PROCESSOR	Intel® Core™2 Duo processor E8600 (2 Cores / 2 Threads, 3.33 GHz, 6 MB, 1333 MHz)
	Intel® Core™2 Duo processor E8500 (2 Cores / 2 Threads, 3.16 GHz, 6 MB, 1333 MHz)
	Intel® Core™2 Duo processor E8400 (2 Cores / 2 Threads, 3.0 GHz, 6 MB, 1333 MHz)
	Intel® Core™2 Duo processor E7600 (2 Cores / 2 Threads, 3.06 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo processor E7500 (2 Cores / 2 Threads, 2.93 GHz, 3 MB, 1066 MHz)
	Intel® Pentium® processor E6600 (2 Cores / 2 Threads, 3.06 GHz, 2 MB, 1066 MHz)
	Intel® Pentium® processor E5700 (2 Cores / 2 Threads, 3.0 GHz, 2 MB, 800 MHz)
	Intel® Pentium® processor E5500 (2 Cores / 2 Threads, 2.8 GHz, 2 MB, 800 MHz)
	Intel® Pentium® processor E5400 (2 Cores / 2 Threads, 2.7 GHz, 2 MB, 800 MHz)
	Intel® Celeron® processor E3400 (2C/2T, 2.6 GHz, 1 MB, 800 MHz)
	Intel® Celeron® processor E3200 (2 Cores / 2 Threads, 2.4 GHz, 1 MB, 800 MHz)
OPERATING SYSTEM	
Operating system optional preinstalled	Genuine Windows® 7 Home Basic (EM) 32-bit Genuine Windows® 7 Home Premium Genuine Windows® 7 Professional TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	openSUSE Linux Genuine Windows Vista®
Operating system notes	Dependent on configuration Windows 7® versions are: Microsoft Office 2007 ready Microsoft Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite. Limited Windows XP support. Microsoft discontinued Windows XP certification on system level.
MEMORY MODULES	1 GB (1 module(s) 1 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM
	2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM
	4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM
HARD DISK DRIVES (INTERNAL)	SSD SATA, 128 GB, 2.5-inch
	SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T. business critical
	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 320 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	CF module IDE, 2 GB, (300x)
Hard disk notes	Supporting NCQ and 3 GBit CF Modules for thin client usage (with or without embedded software)
DRIVES (OPTIONAL)	DVD Super Multi
	DVD Super Multi Slot-in slim
INTERFACE ADD ON CARDS/COMPONENTS (OPTIONAL)	
	Parallel Interface
	eSATA Interface
	Dual serial card PCI LP
Base unit	ESPRIMO C5731 E-Star5
MAINBOARD	
Mainboard type	D3004
Formfactor	proprietary
Chipset	Intel® Q43
Processor socket	LGA 775
Processor quantity maximum	1

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MAINBOARD	
System bus (FSB / HT / QPI)	up to 1333 MHz
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	16 GB
Memory frequency	1066 MHz
Memory notes	Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN	10/100/1000 MBit/s Intel® 82567 LF
BIOS version	Phoenix 6.0
BIOS features	BIOS Flash EPROM update by software Recovery BIOS
Audio codec	Realtek ALC663
Audio features	Internal speaker supports audio playback, High Definition audio
I/O CONTROLLER ON BOARD	
Serial ATA total	3
thereof eSATA	1 (optional)
Controller functions	Serial ATA II NCQ and 3 GBit AHCI
INTERFACES	
Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	10
USB front	3
USB rear	6
USB internal	1
VGA	1
DVI	1 (DVI-D)
Serial (RS-232)	2 (powered, 9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1 (optional) (25pin with EPP and ECP)
Interface Module notes	Anytime USB charge functionality
INPUT DEVICE / COMPONENTS	
	Optical USB tilt wheel mouse
Input devices (optional)	Optical USB/PS2 tilt wheel mouse
DRIVE BAYS	
Drive bays total	2
3.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim optical disc drive
SLOTS	
PCI (32-bit / 33 MHz)	1 x (174 mm) low profile
GRAPHICS ON BOARD	
Graphics brand name	Intel® GMA 4500
Shared video memory	up to 1759 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -

GRAPHICS ON BOARD	
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	DirectX 10 DualView possible with DVI and VGA HDCP support
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz
ELECTRICAL VALUES	
Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 82% / 87% / 87%
Rated voltage range	100 - 240 V
Rated frequency range	50 - 60 Hz
Operating voltage range	90 - 264 V
Operating line frequency range	47 - 63 Hz
Max. output of single power supply	218 W
Power factor correction/active power	active
Monitor outlet	No
POWER CONSUMPTION	
Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=ea8cb498-f757-4d7b-8262-28583cd9e1b1
HEAT DISSIPATION	
Heat dissipation notes	See white paper Energy Consumption
NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.5 B / 31 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.9 B / 24 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.0 B / 25 dB(A)
Noise Operation mode 4: High load	4.0 B / 25 dB(A)
Noise Operation mode 5: Office applications	3.9 B / 23 dB(A)
Idle mode (Blue Angel requirement)	3.7 B / 22 dB(A)
Noise notes / description	A weighted sound power level Lwad (in B) / workplace related A-weighted sound pressure level LpAm (in dB(A)), Bystander position
DIMENSIONS / WEIGHT / ENVIRONMENTAL	
Dimensions (W x D x H)	264 x 299 x 88 mm
Operating position	Vertical / horizontal (no feet needed)
Weight	approx. 9 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	10 - 35°C
COMPLIANCE	
Product	ESPRIMO C5731

COMPLIANCE	
Model	USD-D3004
Germany	Blauer Engel / Blue Angel GS optional
Europe	CE Nordic Swan EN 60601-1-2
USA/Canada	FCC Class B CSA
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 EPEAT® Silver
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
ADDITIONAL SOFTWARE	
Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) Nero 9 Essentials XL
COMPATIBILITY (REFERENCES)	
	DMI 2.0 PC 2001 WMI 1.5 USB 2.0 SMBIOS
MANAGEABILITY	
Manageability features	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Advanced alerts (ASF implementation) Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/manageability http://www.altiris.com/fujitsu
SECURITY	
Physical security	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock
System security	Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Boot protection for floppy disk / CD drive and write protection for floppy disk drive Control of external interfaces
User security	User and supervisor BIOS password SystemLock 2 BIOS SmartCard Security Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader

SERVICEABILITY	
	EasyFix EasyChange for HDD
PACKAGING INFORMATION	
Packaging dimension	398x300x520 mm
Max. quantity / pallet	32
Material - Weight (g) Carton	880 g
Material - Weight (g) EPS / PS	250 g
Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process
WARRANTY	
Standard Warranty	1 year
Service level	Bring-In / On-Site Service (depending on country)
MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION	
Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

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FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu ESPRIMO C5731 E-Star 5.0, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu ESPRIMO C5731 E-Star 5.0, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/ESPRIMO

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

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